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**Search Results - Record(s) 1 through 1 of 1 returned.**

☐ 1. Document ID: DE 19742461 C2 EP 904934 A1 DE 19742461 A1 CN 1212926 A JP 11157051 A CZ 9802957 A3 US 6095043 A

L2: Entry 1 of 1

File: DWPI

May 10, 2001

DERWENT-ACC-NO: 1999-192535

DERWENT-WEEK: 200126

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TITLE: Sheet fed printing press for synchronizing at least two of the press units in a sheet feed printing press

INVENTOR: HARTMANN, K; KRUGER, M ; WAGENSOMMER, B ; KRUEGER, M

PATENT-ASSIGNEE:

ASSIGNEE

CODE

HEIDELBERGER DRUCKMASCHINEN AG

HEIC

PRIORITY-DATA: 1997DE-1042461 (September 26, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 19742461 C2	May 10, 2001		000	B41F033/12
EP 904934 A1	March 31, 1999	G	012	B41F013/004
DE 19742461 A1	April 8, 1999		000	B41F033/00
CN 1212926 A	April 7, 1999		000	B41F013/004
JP 11157051 A	June 15, 1999		007	B41F033/08
CZ 9802957 A3	April 12, 2000		000	B41F021/00
US 6095043 A	August 1, 2000		000	B41F005/16

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
DE 19742461C2	September 26, 1997	1997DE-1042461	
EP 904934A1	July 2, 1998	1998EP-0112249	
DE 19742461A1	September 26, 1997	1997DE-1042461	
CN 1212926A	August 24, 1998	1998CN-0117629	
JP 11157051A	September 28, 1998	1998JP-0273951	
CZ 9802957A3	September 16, 1998	1998CZ-0002957	
US 6095043A	September 23, 1998	1998US-0159114	

INT-CL (IPC): B41 F 5/04; B41 F 5/16; B41 F 5/18; B41 F 13/004; B41 F 13/02; B41 F 13/24; B41 F 21/00; B41 F 21/10; B41 F 33/00; B41 F 33/08; B41 F 33/12; G05 D 13/00; G05 D 13/64; H02 P 5/00; H02 P 5/52; H02 P 7/00

ABSTRACTED-PUB-NO: EP 904934A

BASIC-ABSTRACT:

NOVELTY - The sheet-fed printing press has at least one transfer station (10), with its own and adjustable drive (12), between the press units (2,3). Angle measurement sensors (7'.7.9'.9) control the transfer station (10), and the transfer control station (10) is also controlled by sensors which register the ends of the paper sheets. The transfer station (10) can be mechanically disengaged, has angled sides, and can be brought into a collision-free setting.

USE - The system is to synchronize at least two of the press units in a sheet-fed printing press.

ADVANTAGE - The system compensates for phase shifts between the press units.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic view of the printing press.

press units 2,3

sensors 7',7,9',9

transfer station 10

transfer station drive 12

ABSTRACTED-PUB-NO:

JP 11157051A

EQUIVALENT-ABSTRACTS:

NOVELTY - The sheet-fed printing press has at least one transfer station (10), with its own and adjustable drive (12), between the press units (2,3). Angle measurement sensors (7'.7.9'.9) control the transfer station (10), and the transfer control station (10) is also controlled by sensors which register the ends of the paper sheets. The transfer station (10) can be mechanically disengaged, has angled sides, and can be brought into a collision-free setting.

USE - The system is to synchronize at least two of the press units in a sheet-fed printing press.

ADVANTAGE - The system compensates for phase shifts between the press units.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic view of the printing press.

press units 2,3

sensors 7',7,9',9

transfer station 10

transfer station drive 12

US 6095043A

NOVELTY - The sheet-fed printing press has at least one transfer station (10), with its own and adjustable drive (12), between the press units (2,3). Angle measurement sensors (7'.7.9'.9) control the transfer station (10), and the transfer control station (10) is also controlled by sensors which register the ends of the paper sheets. The transfer station (10) can be mechanically disengaged, has angled sides, and can be brought into a collision-free setting.

USE - The system is to synchronize at least two of the press units in a sheet-fed printing press.

ADVANTAGE - The system compensates for phase shifts between the press units.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic view of the printing press.

press units 2,3

sensors 7',7,9',9

transfer station 10

transfer station drive 12

CHOSEN-DRAWING: Dwg.1/4

TITLE-TERMS: SHEET FEED PRINT PRESS TWO PRESS UNIT SHEET FEED PRINT PRESS

DERWENT-CLASS: P74

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1999-141015

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Clip Img	Image
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Term	Documents
"19742461".DWPI,EPAB.	1
19742461S	0
"19742461".EPAB,DWPI.	1
(19742461).EPAB,DWPI.	1

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**WEST**

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**Search Results - Record(s) 1 through 4 of 4 returned.**☐ 1. Document ID: DE 4406740 A1

L1: Entry 1 of 4

File: EPAB

Sep 7, 1995

PUB-NO: DE004406740A1

DOCUMENT-IDENTIFIER: DE 4406740 A1

TITLE: Press printing machine with paper feed correction

PUBN-DATE: September 7, 1995

## INVENTOR-INFORMATION:

NAME

COUNTRY

HENN, ANDREAS DIPL ING

DE

MAUL, BERNHARD

DE

## ASSIGNEE-INFORMATION:

NAME

COUNTRY

HEIDELBERGER DRUCKMASCH AG

DE

APPL-NO: DE04406740

APPL-DATE: March 2, 1994

PRIORITY-DATA: DE04406740A (March 2, 1994)

INT-CL (IPC): B41 F 33/14; B41 F 21/12; B41 F 21/14; B65 H 7/14; B65 H 9/20

EUR-CL (EPC): B41F013/12; B41F021/10; B65H009/06

## ABSTRACT:

The motorised paper holder (3) is connected to positioning arms (9) controlled by position measurement elements (11). The forward movement of the paper holder (3) is at right angles to the forward movement of the paper (15). Signals from the position measuring elements (11), which compare the actual paper position to the required position, control the associated positioning arms (9). The holder (3) may be movable in all directions in the plane bound by its edges.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EMC	Draw Desc	Image
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☐ 2. Document ID: US 4406740 A

L1: Entry 2 of 4

File: EPAB

Sep 27, 1983

PUB-NO: US004406740A

DOCUMENT-IDENTIFIER: US 4406740 A

TITLE: Apparatus for effecting the fine-adjustment of the lip of a head-box of a paper making machine

PUBN-DATE: September 27, 1983

## INVENTOR-INFORMATION:

NAME

COUNTRY

BRIEU, FRANCOIS M P

FR

## ASSIGNEE-INFORMATION:

NAME

CHLEQ FROTE &amp; CIE

COUNTRY

FR

APPL-NO: US29242081

APPL-DATE: August 13, 1981

PRIORITY-DATA: FR08018048A (August 18, 1980)

INT-CL (IPC): D21F 1/06

EUR-CL (EPC): D21F001/02; D21F007/06, D21G009/00

## ABSTRACT:

A method and apparatus for adjustment of a movable lip of a head-box of a paper-making machine. Tubes mounted on screw-jacks each contain an electrical heating resistor which enables them to increase in length by thermal expansion as a function of the current passed to the electrical resistor. This current is regulated by a computer as a function of continuous measurements of the mass of the sheet of paper produced by the machine.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWAC	Draw Desc	Clip Img	Image
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☐ 3. Document ID: DE 4406740 A1

L1: Entry 3 of 4

File: DWPI

Sep 7, 1995

DERWENT-ACC-NO: 1995-312115

DERWENT-WEEK: 199541

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TITLE: Press printing machine with paper feed correction - has transversely movable paper holder with locating arms controlled by position correcting sensors

INVENTOR: HENN, A; MAUL, B

## PATENT-ASSIGNEE:

ASSIGNEE

HEIDELBERGER DRUCKMASCHINEN AG

CODE

HEIC

PRIORITY-DATA: 1994DE-4406740 (March 2, 1994)

## PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

DE 4406740 A1

September 7, 1995

004

B41F033/14

## APPLICATION-DATA:

PUB-NO

APPL-DATE

APPL-NO

DESCRIPTOR

DE 4406740A1

March 2, 1994

1994DE-4406740

INT-CL (IPC): B41 F 21/12; B41 F 21/14; B41 F 33/14; B65 H 7/14; B65 H 9/20

ABSTRACTED-PUB-NO: DE 4406740A

## BASIC-ABSTRACT:

The motorised paper holder (3) is connected to positioning arms (9) controlled by position measurement elements (11). The forward movement of the paper holder (3) is at right angles to the forward movement of the paper (15).

Signals from the position measuring elements (11), which compare the actual paper position to the required position, control the associated positioning arms (9). The holder (3) may be movable in all directions in the plane bound by its edges.

ADVANTAGE - Paper held more securely in holder.

CHOSEN-DRAWING: Dwg.1/3

TITLE-TERMS: PRESS PRINT MACHINE PAPER FEED CORRECT TRANSVERSE MOVE PAPER HOLD LOCATE  
ARM CONTROL POSITION CORRECT SENSE

DERWENT-CLASS: P74 Q36 S06

EPI-CODES: S06-C03;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1995-235837

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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MMC	Draw Desc	Clip Img	Image
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☐ 4. Document ID: EP 46434 A CA 1177300 A DE 3175415 G EP 46434 B FR 2488628 A  
US 4406740 A

L1: Entry 4 of 4

File: DWPI

Feb 24, 1982

DERWENT-ACC-NO: 1982-16132E

DERWENT-WEEK: 198209

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TITLE: Fine control of scraper blade on paper-making machine - effected by expansion of heated tube

INVENTOR: BRIEU, F M P

PATENT-ASSIGNEE:

ASSIGNEE

CODE

CHLEQ FROTE & CIE

CHLEN

PRIORITY-DATA: 1980FR-0018048 (August 18, 1980)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 46434 A	February 24, 1982	F	017	
CA 1177300 A	November 6, 1984		000	
DE 3175415 G	November 6, 1986		000	
EP 46434 B	October 1, 1986	F	000	
FR 2488628 A	February 19, 1982		000	
US 4406740 A	September 27, 1983		000	

DESIGNATED-STATES: AT DE FR GB IT SE AT DE FR GB IT SE

CITED-DOCUMENTS:FR 1192516; US 2779253 ; US 3620914 ; US 2030231 ; US 3940221

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
EP 46434A	August 12, 1981	1981EP-0401294	

INT-CL (IPC): D21F 1/02; D21F 7/06; D21G 9/00

ABSTRACTED-PUB-NO: EP 46434A  
BASIC-ABSTRACT:

On a papermaking machine, a fine control device is provided for the position of a scraper blade for the fixed lip of a collecting roller for paper or cardboard. The control extends to governing the thickness of the prod. and is effected by heating the positioning element of the scraper, so that its length varies in accordance with the maintenance of the scraper blade in the required position.

The control device is cheap and needs no maintenance or lubrication.  
ABSTRACTED-PUB-NO:

EP 46434B  
EQUIVALENT-ABSTRACTS:

On a papermaking machine, a fine control device is provided for the position of a scraper blade for the fixed lip of a collecting roller for paper or cardboard. The control extends to governing the thickness of the prod. and is effected by heating the positioning element of the scraper, so that its length varies in accordance with the maintenance of the scraper blade in the required position.

The control device is cheap and needs no maintenance or lubrication. (17pp)

TITLE-TERMS: FINE CONTROL SCRAPE BLADE PAPER MACHINE EFFECT EXPAND HEAT TUBE

DERWENT-CLASS: F09

CPI-CODES: F05-A04C; F05-A05;

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC	Draw	Desc	Image
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Term	Documents
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"4406740".EPAB,DWPI.	4
(4406740).EPAB,DWPI.	4

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